

Title (en)

METHODS OF DIAGNOSING, PREVENTING AND TREATING BONE MASS DISEASES

Title (de)

VERFAHREN ZUR DIAGNOSE, PRÄVENTION UND BEHANDLUNG VON ERKRANKUNGEN MIT KNOCHENMASSEN

Title (fr)

PROCÉDÉS DE DIAGNOSTIC, DE PRÉVENTION ET DE TRAITEMENT DE MALADIES DE LA MASSE OSSEUSE

Publication

**EP 2282756 A4 20120502 (EN)**

Application

**EP 09728672 A 20090330**

Priority

- US 2009038817 W 20090330
- US 9094008 P 20080822
- US 7259608 P 20080331

Abstract (en)

[origin: WO2009123978A1] The present invention provides methods and therapeutic agents for lowering or increasing serum serotonin levels in a patient in order to increase or decrease bone mass, respectively. In preferred embodiments, the patient is known to have, or to be at risk for, a low bone mass disease such as osteoporosis and the agents are TPH1 inhibitors or serotonin receptor antagonists.

IPC 8 full level

**A61K 31/357** (2006.01); **A61K 31/513** (2006.01); **A61K 45/06** (2006.01); **A61P 19/08** (2006.01); **A61P 19/10** (2006.01)

CPC (source: EP US)

**A61K 31/357** (2013.01 - EP US); **A61K 31/505** (2013.01 - EP US); **A61K 31/513** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61P 19/00** (2017.12 - EP); **A61P 19/08** (2017.12 - EP); **A61P 19/10** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 35/04** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **G01N 33/942** (2013.01 - EP US); **G01N 2800/108** (2013.01 - EP US); **G01N 2800/50** (2013.01 - EP US)

Citation (search report)

- [YD] WO 2007089335 A2 20070809 - LEXICON GENETICS INC [US], et al
- [Y] WO 2007060408 A2 20070531 - ASTRAZENECA AB [SE], et al
- See references of WO 2009123978A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2009123978 A1 20091008**; AU 2009231892 A1 20091008; AU 2009231892 A8 20101118; BR PI0908719 A2 20150818; CA 2719505 A1 20091008; CN 102083454 A 20110601; EA 201071146 A1 20110630; EP 2282756 A1 20110216; EP 2282756 A4 20120502; JP 2011516486 A 20110526; KR 20110008066 A 20110125; MX 2010010799 A 20110325; NZ 588737 A 20120525; US 2011152220 A1 20110623; US 2015111908 A1 20150423; US 8759364 B2 20140624; ZA 201007005 B 20120229

DOCDB simple family (application)

**US 2009038817 W 20090330**; AU 2009231892 A 20090330; BR PI0908719 A 20090330; CA 2719505 A 20090330; CN 200980119623 A 20090330; EA 201071146 A 20090330; EP 09728672 A 20090330; JP 2011503078 A 20090330; KR 20107024418 A 20090330; MX 2010010799 A 20090330; NZ 58873709 A 20090330; US 201414282177 A 20140520; US 93565109 A 20090330; ZA 201007005 A 20101001